

CLAIMS

- 1) A general short-range remote control alerting system consisting of at least one transmitter or encoder device in communication with at least one receiver or decoder device, is characterized in which
5 each transmitter or encoder device has a factory pre-set built-in fixed unique identification (ID) code, which does not change due to power supply interruption; the receiver or decoder device utilizes a memory device, the memory of which will not change due to power supply interruption and can be read or written or re-written to store ID codes from the various transmitters or encoder devices,
10 whereas the transmitter or encoder device transmits ID code to the receiver or decoder device, and upon matching, the receiver or decoder device causes pre-defined functions to be performed, such as a musical tune to be played or a light to be activated or de-activated.
- 2) An alerting system as in Claim 1 in which the ID code embodies a four quadric or
15 higher communication protocol.
- 3) An alerting system as in Claim 1 in which the ID code at the transmitter or encoder device, once set, is not changeable by the end user.
- 4) An alerting system as in Claim 1 in which the receiver or decoder device includes a memory device which can be programmed, automatically or manually, to store the ID
20 code(s).
- 5) An alerting system as in Claim 1 in which the ID codes of various transmitters or encoder devices have substantially large number of ID code combinations.